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## Facsimile Cover Sheet

To: United States Patent &amp; Trademark Office

Fax: 571-273-8300

From: William A. Munck

Date: August 4, 2006

Client/Matter: STMI01-99186

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Amendment and Response to Final Office Action for U.S. Serial No. 09/591,621 filed June 9,  
2000

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DOCKET NO. 99-B-186  
CLIENT NO.: STMI01-99186  
Customer No. 30425

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Vidyabhusan Gupta

Serial No.: 09/591,621

Filed: June 9, 2000

For: SYSTEM AND METHOD FOR DESIGNING AND  
OPTIMIZING THE MEMORY OF AN EMBEDDED  
PROCESSING SYSTEM

Group No.: 2128

Examiner: Herng-der Day

MAIL STOP AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450CERTIFICATE OF FACSIMILE TRANSMISSION

The undersigned hereby certifies that the following documents:

- 1) Amendment and Response Under 37 C.F.R. § 1.116

relating to the above application was faxed to 571-273-8300 on August 4, 2006.

Date: Aug 4, 2006

Faxer

Date: Aug 4, 2006William A. Munck  
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Sir:

**AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.116**

In response to the Final Office Action dated June 6, 2006, please amend the above-identified patent application as follows.